"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROUNSHTEYN, B.I.; GITMAN, I.R.; ZHELEZNYAK, A.S.

Mass transfer into spherical drops. Dokl. AN SSSR 162 no.6:1336-1338 Je '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov. Submitted July 4, 1964.

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ZHELEZNYAK, A.S.; BROUNSHTEYN, B.I.

Mutual solubility in the system water-acetic acid-ethyl acetate in the temperature range from 0 to 50°C. Zhur.prikl.khim. 38 no.3:694-696 Mr '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov. Submitted Jan. 7, 1963.

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KADENSKAYA, N.I.; ZHELEZNYAK, A.S.; BROUNSHTEYN, B.I.

Mass transfer in the extraction of acetic acid by single drops of ethyl acetate. Zhur. prikl. khim. 38 no.5:1156-1159 My '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.

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L 51836-65 EWT(d)/FSS-2/EEC-4/EEC(t) Pn-4/Pp-4/Pac-4

ACCESSION NR: AP5016914 CZ/0014/64/000/010/0380/0381

AUTHOR: Brousek, Jan (Doctor)

TITLE: Video quality deterioration in switching over to foreign TV transmissions

SOURCE: Sdelovaci technika, no. 10, 1964, 380-381

TOPIC TAGS: TV system, TV receiver

ABSTRACT: Reasons are given for the deterioration of the video quality caused by the penetration of the network frequency into the television picture because of defects in the television receiver. Types of this penetration and their causes are discussed. Orig. art. has: 1 figure, 1 table.

ASSOCIATION: none

SUBMITTED: 00	ENCL: 00	SUB CODE: EC
NO REF SOV: 000	OTHER: 004	JPRS

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BROUSEK, M.

Practical experiences in constructing tailraces for water turbines. p .325

INZENYRSKE STAVBY . (Ministerstvo stavebnictvi) Praha

Vol. 3, no. 8, Aug. 1955

East European Accessions List Vol. 5 No. 1 Jan. 1956

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BROUSEK, M.

Use of the B system for the construction of a reinforced-concrete tunnel. p.295.

INZENYRSKE STAVBY. Praha, Czechoslovakia. Vol. 3, no. 11, Nov. 1955.

Monthly list East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960. Uncl.

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BROUSEK, M., inz.

Earth compaction of the Moravka River dam at Moravka. Inz stavby 11 no.5:182-185, 188 My '63.

1. Ingstav Brno, n.p.

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BROUSEK, Milos, inz.

Weir construction from prefabricated materials. Inz stavby 10 no.2: 47-48 F '62.

1. Ingstav Brno, n.p.

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BROUSEK, Milos, inz.

Protection of the upstream side of the earth dam in Terlicko.
Inz stavby 10 no.12:456-458 D '62.

1. Ingstav, n.p., Brno.

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

RYBNEK, Milos, inz.

Compacting faces of earth dams. Inz stavby 12 no.10:Suppl: Mechanizace no.10:162-165 '64.

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BROŽ, Miloš, ing.

Compacting banks and beds of streams by macadam cover. Vodní hosp 14 no.12:457-459 '64.

1. Ingstav National Enterprise, Brno.

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[redacted], Miroslav; B.OUSIL, Jindrich

Physical principles necessary for the understanding of the mechanism of effects of radiations on living organisms. Cas. lek. cesk. 96 no.29: 25-28 12 July 57.

(RADIATIONS, eff.
on living organisms, phys. principles of mechanism (Cz))

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DIENSTBIER, Zdenek; KOFRANEK, Vladimir; BROUSIL, Jindrich; ARIENT, Miroslav (Technicka spoluprace: J. Jasan, Statisticke stredisko MZd Praha)

Statistical studies on health and fertility of physicians working with ionizing radiations. Ces. rentg. 13 no.5:330-342 O '59
(RADIATION EFFECTS)
(FERTILITY radiation effects)
(PHYSICIANS)

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FRIEDMANN, B.; HERMANSKY, F.; BROUSIL, J.; VOPATOVA, M.

Erythrocyte survival in leukemia, determined by radiochromium $C R^{51}$. Rev.Czech.M. 6 no.2:118-125 1960.

1. First Medical Clinic, Charles University, Prague. Director: Professor V. Hoenig, M.D. Laboratory for the Pathophysiology of Haemopoiesis and the Liver, at the First Medical Clinic, Charles University, Prague, Director: Professor V. Hoenig, M.D. Institute for Medical Physics, Prague, Director: Doc. Z. Dienstbier, M.D. Institute for Haematology and Blood Transfusion. Director: Professor J. Horejsi, M.D.

(ERYTHROCYTES)
(LEUKEMIA blood)
(CHROMIUM radioactive)

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Survival of the erythrocytes in leukemia determined with ratiochromium-Cr51. Cas.lek.cesk. 99 no.7/8:208-212 19 F '60.

1. I. interni klinika KU v Praze, prednosta prof.dr. M. Netousek, Laborator pro patofyziologii krvetvorby a jater pri I. interni klinice KU v Praze, reditel prof.dr. M. Netousek, Ustav pro lekarskou fyziku KU v Praze, prednosta doc.dr. Z. Dienstbier, Ustav hematologie a krevni transfuze v Praze, redited prof. dr.J. Horejsi.

(ERYTHROCYTES)
(LEUKEMIA blood)
(CHROMIUM radioactive)

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FRIEDMANN, Bedrich; MENCIKOVA, Eva; BROUSIL, Jindrich

Experimental contribution to the problem of the aggresivity of auto-antibodies against red blood cells. Cas.lek.cesk 100 no.17:525-529 28 Ap '61.

1. I interni klinika KU v Praze, prednosta prof. dr. V. Hoenig. Ustav pro lekarskou mikrobiologii a immunologii KU v Praze, prednosta prof. dr. F. Patocka. Biofyzikalni ustav lekarske fakulty KU v Praze, prednosta doc. dr. Z. Dienstbier.

(ANTIGEN-ANTIBODY REACTIONS) (ERYTHROCYTES)

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BRABEC, V.; BROUSIL, J.; FRIEDMAN, B.

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1. Ustav hematologie a krevni transfuze v Praze, prednosta prof. dr J. Horejsi, DrSc. Biofyzikalni ustav fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta doc. dr Z. Dienstbier, CSc. I. interni klinika fakuty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr V. Honig, DrSc.
(RADIOISOTOPES) (ERYTHROCYTES)
(HEMATOPOIETIC SYSTEM physiol)

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BROUSIL, J.

2

CZECHOSLOVAKIA

BERMAN, J.; FRIEDMANN, B; **BROUSIL**, J.

1. First Internal Medicine Clinic of the Faculty of General Medicine KU (I. vnitrni klinika fak. vseobecneho lekarstvi KU), Prague; 2. Biophysical Institute of the Faculty of General Medicine KU (Biofysikalny ustav fak. vseobec-lekarstvi KU), Prague. - (for all)

Prague, Vnitrni lekarstvi, No 4, 1963, pp 336-337

"Survival of Erythrocytes in Porphyria Cutanea Tarda."

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VULTERINCVA, M.; SKALA, I.; BROUSIL, J.

Absorption of Co58-labelled vitamin B12 in patients after resection of the small intestine and stomach (Schilling's test). Cesk. gastroent. vyz. 17 no.4:249-253 Je '63.

1. Ustav pro vyzkum vyzivy lidu v Praze, reditel prof. dr. J. Masek, DrSc. Biofyzikalni ustav fakulty vseobecneho lekarstvi KU v Praze, prednosta doc. dr. Z. Dientsbier, CSc.
(COBALT ISOTOPES) (INTESTINE, SMALL)
(VITAMIN B12) (GASTRECTOMY) (SPRUE)
(SURGERY, OPERATIVE)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROUSIL, J., ENGELBERTH, O., SRAMKOVA, J., and TALPOVA, H. [Biophysical Institute (Biofyzikalni ustav), Faculty of General Medicine (Fakulta vseobecneho lekarstvi), Charles University, Prague, Docent Dr. Z. DIENSTBIER, director, and Third Clinic of Internal Medicine (III. interni klinika), Faculty of General Medicine, Charles University, Prague, Academician J. CHARVAT, director.

"Influence of Sodium Salicylate on Antigen Excretion and Antibody Formation in Rabbits"

Prague, Casopis Lekaru Ceskych, Vol CII, No 34, 23 August 63, pp 925-927.

Abstract [Authors' English summary]: Following an injection of human serum albumin labelled with I^{131} the authors investigated the influence of sodium salicylate on the antigen excretion from the blood circulation, formation of a soluble complex of antigen and antibodies, and formation of antibodies in rabbits. In a group receiving salicylate the authors found a lower activity in the alpha globulin fraction than in the control group on the 12th and 14th day. A possible interpretation of this phenomenon is presented. Six references.

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BROUSIL, J.; ENGELBERTH, O.; SRAMKOVA, J.; TALPOVA, H.

Effect of sodium salicylate on antigen excretion and on antibody formation in rabbits. Cas. lek. cesk. 102 no.34:925-927 23 Ag '63.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi KU v Praze, prednosta doc. dr. Z. Dienstbier III interni klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta akademik J. Charvat.
(SODIUM SALICYLATE) (ANTIBODY FORMATION)
(SERUM ALBUMIN, RADIOIODINATES)
(IMMUNE SERUMS) (ANTIGENS)

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BROUSIL, J.; BRABEC, V.; TALPOVA, H.

Erythrokinetic examination with Fe59. Acta univ. Carol. [med] (Praha): Suppl. 18: 63-67 '64.

1. Biofysikalni ustav fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: doc. dr. Z. Dienstbier) a Ustav hematologie a krevni transfuse (reditel: prof. dr. J. Horejsi).

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

JIROUNEK, P.; RABAN, P.; BROUSIL, J.

Iodine 132 in nuclear medicine. I. Preparation and determination of the activity of iodine 132. Cesk. radiol. 18 no.5:318-326 S 64.

1. Katedra lekarske fyziky a nuklearni mediciny fakulty vseobecneho lekarstvi Karlovy University v Praze (vedouci doc. dr. Z. Dienstbier, DrSc.).

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

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NEUWIRTOVA, R.; DONNER,L.; JANOTA,M.; BROUSIL, J.

Erythrocyte picture in chronic respiratory insufficiency in chronic inflammation of the bronchi and pulmonary emphysema. Vnitrni lek. 11 no.3:216-225 Mr '65

1. II. vnitrni klinika (prednosta: prof. Dr. F. Herles) a Biofyzikalni ustav (prednosta: doc. Dr. Z. Dienstbier).

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CZECHOSLOVAKIA UDC 612.111.3:(616.155.392:616-006.43)

FRIEDMANN, B.; BRABEC, V.; PROUSIL, J.; SEBESTIK, V.; 1st Internal Clinic, Fac. of Gen. Med., Charles Univ. (I. Int. Klinika Fak. Vseob. Lek. KU), Prague, Head (Prednosta) Prof Dr V. HOENIG; Institute of Hematology and Blood Transfusions (Ustav Hematologie a Krevni Transfuze) Prague, Director (Reditel) Prof Dr J. HOREJSI; Biophysical Institute Fac. of Gen. Med. Charles Univ. (Biofyzikalni Ustav Fak. Vseob. Lek. KU), Prague, Head (Prednosta) Docent Dr Z. DIENSTBIER.

"Erythropoiesis in Leukemia and Hemoblastoma of the Lympho reticular Line."

Prague, Casopis Lekaru Ceskych, Vol 105, No 29, 8 Jul 66, pp 766 - 770

Abstract [Authors' English summary modified]: In 30 patients suffering from leukemia and lympho reticular hemoblastoma erythropoiesis was decreased in 8, normal in 4, increased in 18. Neither the normal nor the increased erythropoiesis reached values where it could compensate anemia due to hyperhemolysis. Erythropoiesis remains insufficient and must be considered in the pathogenesis of the disease. 1/1 3 Figures, 3 Tables, 10 Western, 3 Czech references.

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FILIPCHUK, B.A., BROVAR, T.M., KOMARYANSKIY, M.V., SHRAYETS, A.B.

Raising the efficiency of geological and geophysical work in the region between the Volga and Ural Rivers. Geol. nefti i gaza 9 no.1:12-15 Ja '65. (MIRA 18:3)

1. Trest Ural'skneftegeofizrazvedka, Kazakhskiy politekhnicheskiy institut i Mezhdurechenskaya geofizicheskaya ekspeditsiya.

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

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BROVAR, I.M.

Methodology of studying the geological structure of salt domes in the Volga-Ural interfluve. Vest. AN Kazakh SSR 21 no.4:85-92 Ap '65. (MIRA 18:5)

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PHASE I BOOK EXPLOITATION SOV/5528

Drabkin, G. S., I. P. Brovar, Ya. Ye. Gel'fand, and E. L. Itskovich

Avtomatizatsiya tsementnykh zavodov (Automation of Cement Plants) Leningrad, Gosstroyizdat, 1961. 399 p. Errata slip inserted. 4,000 copies printed.

Scientific Ed.: A. I. Leontenkov, Engineer; Ed. of Publishing House: A. S. Rotenberg; Tech. Ed.: L. V. Voronetskaya.

PURPOSE: This book is intended for technical personnel of cement plants and design and planning offices.

COVERAGE: Descriptions are given of the technical characteristics of instruments, devices, and circuits of automatic monitoring, control, and regulation systems used in manufacturing processes at cement plants. Prospects for the development of complex automation of the main manufacturing processes in cement plants are reviewed. Chs. I, III, VI-IX, and XIV were written by I. P. Brovar and G. S. Drabkin; Chs. II, V, and X-XII, by Ya. Ye. Gel'fand; and Chs. IV, XIII, and Sec. 16 of Ch. V, by E. L.

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Tsikovich. There are 30 references: 27 Soviet (including 1 translation), 2 English, and 1 German.

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BROVAR, V. V. Cand Tech Sci

Dissertation: "Requirements to the Universal Gravimetric Survey for its Utilization in Geodetic Works of the USSR."

28/4/50

Moscow Inst of Geodesy, Aerial Photography and Cartography.

SO Vecheryaya Moskva
Sum 71

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3(2) PHASE I BOOK EXPLOITATION SOV/2152

Moscow. Institut inzhenerov geodezii, aerofotos"yemki i kartografii

Trudy, vyp. 33 (Transactions of the Moscow Institute of Engineering Geodesy, Aerial Photography, and Cartography, Nr 33) Moscow, Geodezizdat, 1958. 123 p. 1,000 copies printed.

Editorial Board: A.I. Mazmishvili (Resp. Ed.), V.I. Avgevich (Deputy Resp. Ed.), G.V. Bagratuni, N.Ya. Bobir, N.M. Volkov, A.I. Durnev, S.V. Yeliseyev, P.S. Zakatov, G.P. Levchuk, N.I. Modrinskiy, M.D. Solov'yev, B.V. Fefilov, and P.F. Shokin; Ed. of Publishing House: A.I. Inozemtseva; Tech. Ed.: V.V. Romanova.

PURPOSE: This issue of the Institute's Transactions is intended for geodesists, photogrammetrists, and cartographers.

COVERAGE: This collection of articles covers a variety of problems and questions of interest to personnel in the mapping field. Several instruments employed in cartography are investigated and evaluated. These include a photocartograph, the Photo Reductor MIIGAiK, and

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marine chronometers. Other subjects treated include Stokes' formula, correction of instrumental errors, Dellen's Method, relief generalization, aerial camera orientation, and others. References accompany individual articles.

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVAR, V.V., dots., kand. tekhn. nauk

Derivation and examination of stoke's formula. Trudy MIIGAIK no.33:15-18 '58. (MIRA 12:8)

1.Kafedra vysshey geodezii Moskovskogo instituta inzhenerov geodezii.

(Geodesy)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVAR, Vsevolod Vladimirovich; MAGNITSKIY, Vladimir Aleksandrovich; SHIMBIREV, Boris Pavlovich; YURKINA, M.I., retsenzent; MAKAROV, N.P., retsenzent; VIROVTS, A.M., retsenzent; VASIL'YEVA, V.I., red. izd-va; SURGUROV, V.S., tekhn. red.

[Theory of the earth's figure] Teoriia figury Zemli. Pod obshchei red. V.A.Magnitskogo. Moskva, Izd-vo geodez. lit-ry, 1961. 256 p. (MIRA 15:3)
(Earth--Figure) (Gravity)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVAR, V.V., dotsent, kand.tekhn.nauk

Discussion of P.F.Shokin's textbook "Gravimetry." Izv. vys. ucheb. zav.; geod. i aerof. no.2:151-152 '61. (MIRA 14:6)

(Gravimetry) (Shokin, P.F.)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

GRUSHINSKIY, Nikolay Panteleymonovich; MIKHAYLOV, A.A., retsenzent; BROVAR, V.V., nauchn. red.; FROLOV, A.I., red.; LIKHACHEVA, L.V., tekhn. red.

[Theory of the figure of the earth] Teoriia figury Zemli. Moskva, Fizmatgiz, 1963. 446 p. (MIRA 16:12)
(Earth--Figure)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVAR, V.V., dotsent, kand. tekhn. nauk; PELLINEN, L.P., kand. tekhn. nauk; SHIMBEREV, B.P., dotsent, kand. tekhn. nauk

Mikhail Sergeevich Molodenskii, winner of the Lenin Prize. Izv. vys. ucheb. zav.; geod. i aerof. no.3:53-55 '63. (MIRA 17:1)

1. Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii.

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVAR, V.V., dotsent, kand. tekhn. nauk

Computation of the disturbing potential and its derivatives above the surface of the earth. Izv. vys. ucheb. zav.; geod. i aerof. no.3:57-63 '63. (MIRA 17:1)

1. Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartofrafii.

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVAR, V.V., kand. tekhn. nauk, dotsent

Solutions to Molodenskii's boundary value problem. Izv. vys. ucheb. zav.; geod. i aerof. no.4:129-137 '63. (MIRA 17:9)

1. Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii.

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVAR, V.V.; YEREMEYEV, V.F.; MAKAROV, N.P.; PELLINEN, L.P.; SHIMBIREV, B.P.; YURKINA, M.I.

Determining the external gravitational field and the figure of the earth. Geod. i kart. no.10:74-76 O '63. (MIRA 16:12)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVAR, V.V., dotsent, kand. tekhn. nauk

External generalized potentials. Izv.vys.ucheb.zav.: geod. i aerof. no.1:18 '64. (MIRA 17:12)

1. Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii.

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVAR, V.V., dotsent, kand. tekhn. nauk

Fundamental harmonic functions with a singularity on a segment and the solution of external boundary problems. Izv. vys. ucheb. zav.; geod. i aerof. no.3:51-61 '64. (MIRA 18:3)

1. Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii.

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVAR, V.V., kand. tekhn. nauk, dotsent

Formulas for calculating the disturbing potential and the components of the deflection of the vertical of the earth's surface. Izv. vys. ucheb. zav.; geod. i aerof. no.2:97-104 '65. (MIRA 18:10)

1. Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii. Submitted September 13, 1964.

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVAR, Vladimir Yakovlevich; KLEYNENBERG, S.Ye., prof., otv.red.; AKAYEVSKIY, A.I., prof., otv.red.; KOLPAKOVA, Ye.A., red. izd-va; VOLKOVA, V.V., tekhn.red.

[The forces of gravity and animal morphology] Sily tiazhesti i morfologiia zhivotnykh. Moskva, Izd-vo Akad.nauk SSSR, 1960. 238 p. (MIRA 13:5)

(Morphology (Animals)) (Gravity)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVARNIK, B.I.

Healthier working conditions in the forge shop of the Minsk Automobile Works. Zdrav. Bel. 7 no.6:9-12 Je '61. (MIRA 15:2)

1. Promyshlenno-sanitarnyy vrach medsanchasti Minskogo avtomobil'nogo zavoda.
(MINSK--AUTOMOBILE INDUSTRY WORKERS--DISEASES AND HYGIENE)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVARNIK, Ye.G.; RYABININ, D.D.

Machines for the production of viscose. Khim. volok. no.2:60-62 '59. (MIRA 12:9)

1.Zavod "Bol'shevik," Kiyev.
(Viscose)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVARNIK, Yu.

Sound ranging. Voen. znan. 25 no.3:5-7 Mr '49. (MIRA 12:12)
(Position finders) (Sound--Apparatus waves)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

VOZNESENSKIY, Yevgeniy Pavlovich; BROVCHENKO, Ignatiy Savel'yevich; Prinimal uchastiye TIMONIN, M.G.; MARDER, I.M., retsenzent; RYZHOV, A.D., retsenzent; ABELTIN'SH, A.Ya., retsenzent; AKIMOVA, L.D., red.; PECHENKINA, O.P., tekhn. red.

[Accounting in food industry enterprises] Bukhgalterskii uchet na predpriiatiiakh pishchevoi promyshlennosti. Moskva, Pishchepromizdat, 1963. 342 p. (MIRA 17:2)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

VAYSMAN, Mikhail Iosifovich, kand. ekonom. nauk, dots.[deceased]; BOGOYAVLENSKIY, Aleksandr Vasil'yevich; ASTASHKEVICHER, Yekhiyel' Timofeyevich; BROVCHENKO, Ignatiy Savel'yevich; MAKRUSHINA, A.N., red.izd-va; REMNEVA, T.T., tekhn. red.

[Accounting and the analysis of balances in river transportation] Bukhgalterskii uchet i analiz balansa na rechnom transporte. Red. S.A.Makhlakh. Moskva, Izd-vo "Rechnoi transport," 1961. 269 p. (MIRA 15:4)
(Inland water transportation—Accounting)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVCHENKO, M., inzh.

Large-block construction in the mountains. Stroitel' no. 8:6 Ag '58. (MIRA 11:8)
(Alushta--Concrete blocks)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

POTAPENKO, V.D., kand.khim.nauk; BROVCHENKO, M.D., inzh.

Waterproofing tensiometer transmitting elements when studying reinforced concrete. Bet. i zhel.-bet. 8 no.11:521-522 N '62. (MIRA 15:11)

(Tensiometers)
(Protective coatings)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

CA BROVCHENKO, M.I.

Composition of tannic substances and quality of the tea leaf. A. L. Kursanov and M. I. Brovchenko. *Biokhimiya Chainego Proizvodstva, Sbornik* No. 6, 31-8(1950). The tannin materials in a two-leaf sprout of Chinese tea plant undergo changes during growth. In August when highest quality tea is produced the tannin of such sprouts has 73-77% of low mol. wt. material which is the source of the valuable taste qualities of black tea after fermentation. This tannin is also rich in phloroglucinol and esters of gallic acid, so that in August some 50% of tannin consists of catechol gallates. Georgian tea plant (strain No. 1) at this time contains 87.7% of low mol. wt. material in its tannin, being comparable to best Indian teas; Georgian No. 2 strain has inferior quality (by its tannin compn.), but is still superior to Chinese and Japanese tea strains.

G. M. Kosolapoff

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CA

11D

Tannins of various organs of the tea plant. A. L. Kurbanov and M. I. Broychenko. *Biokhimiya Chainoi Promyshlennosti, Sbornik* No. 6, 83-99(1950).--All parts of a tea plant contain tannins, the highest content being found in young shoots and the lowest in the flowers. Tannins from all organs contain catechols and esters of gallic acid. The root contains largely condensation products of these substances with mol. wt. over 1000, and little gallic acid (some 7% of the esters), the flowers contain low mol. wt. products (av. 370) and a high content of gallic acid derivs. (16.6%); and other parts of the plant show intermediate distribution. In all organs age leads to condensation of the low mol. wt. products. All organs of the tea plant contain enzymic systems capable of oxidizing the tannic matter (polyphenoloxidase and peroxidase) as well as hydrolytic enzymes (β-glucosidase and oxynitrilase), indicating possible enzymic reactions throughout the plant. Young organs contain largely polyphenoloxidase, the older ones have a predominance of peroxidase. Hydrolytic enzymes are most active in the aging parts of the plant (stems, bark, and roots) and least active in the younger parts. G. M. Kosolapoff

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

[redacted], N. I.

[redacted], N. I. -- "Composition of Tanning Substances in Various Organs and Varieties of the Tea Bush." Sub 24 Apr 52, Inst of Biochemistry imeni A. N. Bakh, Acad Sci USSR. (Dissertation for the Degree of Candidate in Biological Sciences).

So: Vechernaya Moskva January-December 1952

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

KURSANOV, A.L.; CHAYLAKHYAN, M.Kh.; PAVLINOVA, O.A.; TURKINA, M.V.; BROVCHENKO, M.I.

Translocation of sugars in grafted plants [with summary in English]. Fiziol. rast. 5 no.1:3-15 Ja-F '58. (MIRA 11:1)

1. Institut fiziologii rasteniy im. K.A. Timiryazeva AN SSSR, Moskva.
(Plants, Motion of fluids in) (Grafting) (Sugars)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

KURSANOV, A.L.; BROVCHENKO, M.I.; PARIYSKAYA, A.N.

Passage of assimilates into the conducting tissues of rhubarb leaves (Rheum rhaponticum L.). Fiziol. rast. 6 no.5:527-536 S-O '59. (MIRA 13:2)

1.K.A. Timiryazev Institute of Plant Physiology, U.S.S.R. Academy of Sciences, Moscow.

(Plants, Motion of fluids on)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVCHENKO, M.I.; BALUKOVA, A.A.

Processing the Krasnodar tea leaf into black tea. Biokhim.chain. proizv. no.7:52-61 '59. (MIRA 13:5)

1. Institut fiziologii rasteniy imeni K.A. Timiryazeva AN SSSR, Moskva.

(KRASNODAR TERRITORY--TEA)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

KURSANOV, A.L.; BROVCHENKO, M.I.

Effect of adenosinetriphosphoric acid on the uptake of assimilates by the conducting system of the sugar beet. Fiziol.rast. 8 no.3:270-278 '61. (MIRA 14:5)

1. Institut fiziologii rasteniy im. K.A.Timiryazeva Akademii nauk SSSR, Moskva.
(Adenosinetriphosphoric acid) (Plants, Motion of fluids in)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVCHENKO, M.I.

Absorption of amino acids by conducting and assimilating tissues of leaves. Fiziol. rast. 10 no.4:416-425 Jl-Ag '63. (MIRA 16:8)

1. Timiriazev Institute of Plant Physiology, U.S.S.R. Academy of Sciences, Moscow.

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

"The transport of amino acids from photosynthesizing tissues into conducting tissues."

report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.

AS USSR, Moscow.

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVCHENKO, M.I.

Movement of sugars from the mesophyll to the conducting bundles of sugar beet leaves. Fiziol. rast. 12 no.2:270-279 Mr-Ap '65. (MIRA 18:6)

1. Institut fiziologii rasteniy imeni Timiryazeva AN SSSR, Moskva.

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVCHENKO, N., inzhener.

Ways of measuring the toe-in of automobile front wheels. Avt. transp. 34 no.9:17-19 S '56. (MLRA 9:11)
(Automobiles--Wheels)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVCHENKO, N., inzh.

Problems of operating automobiles in technical literature..
Avt.transp. 35 no.9:38-39 S '57. (MIRA 10:10)
(Bibliography--Automobiles)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

PARFENOV, N.P., dotsent, kand. tekhn. nauk; GOMONOV, V.K., aspirant; BROVCHENKO, R.A., student; KULIKOV, Yu.I., student; DOYKHEN, Yu.M., student

Fixed fastening of a unit in a plane under directionally variable loading. Sbor. trud. Khab. avt.-dor. inst. no.1:12-15 '62. (MIRA 18:1)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

15-8070

26877
S/081/61/000/013/010/028
B110/B205

AUTHORS: Kuliyev, Al. M., Pinsker, B. A., Brovchenko, T. P.

TITLE: Decrease of the adsorptive capacity of activated carbon due to polymerization of acetylene on its surface

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 13, 1961, 510, abstract 13M139 (Azerb. khim. zh., 1960, no. 3, 31-35)

TEXT: Laboratory tests have shown that at a contact time between C_2H_2 and activated carbon of 25 sec and an operation time of 1-1.5 months, the activity of AP3(ARZ) carbon is reduced by 10%, and that of CKT(SKT) carbon by 20-25%. The decrease in activity can be reduced by 50-60% if C_2H_2 and carbon are kept in contact only for 12 sec. [Abstracter's note: Complete translation.]

Card 1/1

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

KULIYEV, A.M.; ALEKPEROV, G.Z.; PINSKER, B.A.; GRIGORYAN, E.V.; BROVCHENKO, T.P.

Separation of natural gas in a consolidated laboratory set-up.
Gaz. prom. 9 no.1:51-54 '64. (MIRA 17:12)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

KULIYEV, Al.M.; PINSKER, B.A.; BROVCHENKO, T.P.; AGAKISHIYEV, N.A.

Decline of the adsorptive capacity of silica gels caused by the polymerization of acetylene on its surface. Azerb.khim.zhur. no.6:105-108 '61. (MIRA 15:5)
(Silica) (Adsorption) (Acetylene)

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

S/081/62/000/023/017/120
B156/B186

AUTHORS: Kuliyev, Al. M., Pinsker, B. A., Brovchenko, T. P., Agakishiyev, N. A.

TITLE: Adsorbing power of silica gel reduced by polymerization of acetylene at its surface

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 117, abstract 23B856 (Azerb. khim. zh., no. 6, 1961, 105 - 108 [summary in Azerb.])

TEXT: The decrease in the adsorbing activity of silica gel resulting from the polymerization of acetylene at its surface has been investigated. It is proved that an adsorbent of consistent activity can be produced by treating silica gel with HCl. [Abstracter's note: Complete translation.]

Card 1/1

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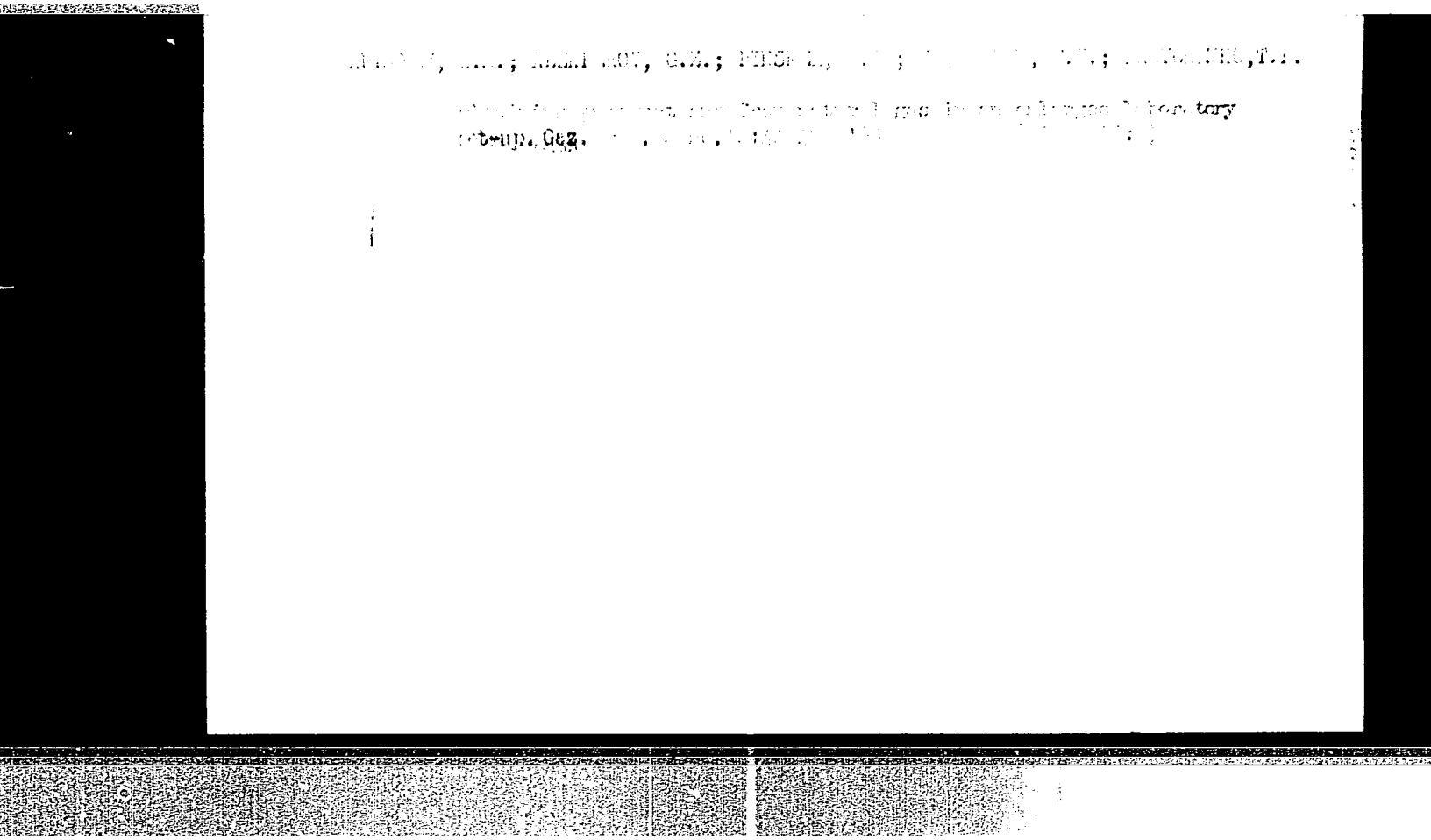

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVCHENKO, V. G.

USSR/ Physics - Ion accelerators

Card 1/1 Pub. 22 - 12/47

Authors : Brovchenko, V. G.; Gokhberg, B. M.; and Morozov, V. M.

Title : Stabilization of the energy of ions accelerated with a high voltage electrostatic generator

Periodical : Dok. AN SSSR 101/6, 1023 - 1025, Apr. 21, 1955

Abstract : A device and the method of its operation in stabilizing the energy of ions accelerated with a high voltage electrostatic generator are described. The energy stabilization is accomplished by the voltage stabilization of the device (ion accelerator). It was determined that the voltage of the accelerator deviates not more than 0.025%. One USSR reference (1955). Diagram.

Institution : Acad. of Sc., USSR, S. I. Vavilov Institute of Physical Problems

Presented by: Academician A. P. Aleksandrov, November 17, 1954

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

Brovchenko, V. G

USSR/Electronics - General Problems H-1

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 12262

Author : Brovchenko, V.G.
Inst : -
Title : Integrator for Weak Currents.

Orig Pub : Pribory i tekhn. eksperimenta, 1956, No 1, 51-53

Abstract : The article describes a capacitive integrator of the relaxation type, made with ordinary vacuum tubes, and intended for operation with a beam of accelerated ions. Deviations from linearity of the scale of the integrator do not exceed 1% when integrating currents in the range from 10^{-9} -- 6 x 10^{-6} amp.

Card 1/1

PROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

AUTHOR: Brovchenko, V. G., and Kolchanov, Yu. D. 120-2-19/37

TITLE: A low Noise Level Pre-amplifier. (Predusilitel' s Malym Urovnem Shumov.)

PERIODICAL: Pribory i Tekhnika Eksperimenta, 1957, No.2, pp. 67 - 70 (USSR).

ABSTRACT: A low noise pre-amplifier built for use with ionisation chambers and with proportional counters is described (Refs. 1 and 2). The first stage of the amplifier is a "cascade" using two grounded cathode 6Ж1П in parallel connection and a grounded grid parallel connected double triode 6Н15П. The noise level of the pre-amplifier is determined mainly by the anode current fluctuations in the input stage and is 2μV for a pass band 50kc/s to 1.1Mc/s, input capacity of about 11pF and V_a of 75V. The pre-amplifier gain is 140 with the pass band 5Mc/s to 600cps.

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A Low Noise Level Pre-amplifier. 120-2-19/37

very good service in high precision physical instrumentation for the last three years. The circuit diagram of the pre-amplifier is given. There are 2 references, 1 of which is Slavic.

SUBMITTED: August, 21, 1956.

AVAILABLE: Library of Congress.

Card 2/2

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

SOV/120-59-2-45/50

AUTHORS: Brovchenko, V.G., and Morozov, V.M.

TITLE: ~~Circuit for Protecting~~ against Electrical Noise (Skhema zashchity ot elektricheskikh pomekh)

PERIODICAL: Pribory i tekhnika eksperimenta, 1959, Nr 2, pp 145-146 (USSR)

ABSTRACT: In nuclear studies where pulses are to be counted at a very slow rate external interference can be troublesome. The present arrangement (Fig 1) blocks a number of channels when a false pulse is received. The action is reliable if: the sensitivity is greater to interference than of any controlled circuit; speed of response in blocking is greater than that during ordinary operations; the blocking time is such that interfering pulses both of greater amplitude and duration are frustrated. The main amplifier in Fig 1 has two sections each of three stages, the gain is 900, the passband 1 kc/s at 2.5 mc/s. The maximum output signal is 50 V and is positive. The output pulses are standardised in amplitude (120 V) and duration (0.6 μ) by the blocking oscillator $Л_2$ in Fig 2. The pulse is stretched in the Schmidt trigger $Л_5$ and applied to the cathode follower $Л_8$ which drives all

Card 1/2

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"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

Circuit for Protecting against Electrical Noise

the gates (1-10). The portion of the circuit to the right of the dotted line in Fig 2 is a gate. The arrangement has worked reliably for a number of years. There are 2 figures.

Card 2/2

SUBMITTED: November 18, 1958

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVCHENKO, V. G., and GORLOV, G. V.

"Scintillation Counter for Neutrons with Low Sensitivity to Gamma Rays"

report submitted for the IAEA conf. on Nuclear Electronics, Belgrade, Yugoslavia 15-20 May 1961

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0"

"APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000307020018-0

BROVCHENKO, V. G. and MOLCHANOV, Yu. D.

"Time Analyzer for Fast Pulse Series"

report submitted for the IAEA conf. on Nuclear Electronics, Belgrade, Yugoslavia 15-20 May 1961

Inst. Atomic Energy im I. V. Kurchatov, Moscow

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E032/E514

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AUTHORS: Brovchenko, V.G. and Gorlov, G. V.

TITLE: Separation of neutrons and gamma-rays using the difference in the scintillation counter pulse shape

PERIODICAL: Pribory i tekhnika eksperimenta, 1961, No.4, pp.49-52

TEXT: The aim of the present work was to develop a simple scintillation counter having a high neutron and a low γ-efficiency. The minimum energy of neutrons which can be separated from the γ-background is 80 keV. The method employed consists in the following. The scintillation pulse has a fast and a slow component. The fast component is due to phosphor molecules excited directly by charged particles, and the slow component is due to the recombination of ionized molecules with electrons. In many phosphors, e.g. stilbene, the ratio of the intensities of these two components is different for different particles, but remains constant for a given kind of particle in a certain energy range. By comparing the fast and slow components one can determine the nature of the incident particles. The present authors have used the circuit shown in Fig.1a. The stilbene crystal (diameter 34 mm, height 28 mm) has a fast component with a decay constant of

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6 nanosec, while the form of the slow component can be represented by a combination of exponentials with τ between 0.35 and 10 μsec. With the same fast-component intensity, the intensity of the slow component for neutrons is greater by a factor of two as compared with γ-rays. Using integrating RC circuits with different time constants (5×10^{-8} and 5×10^{-6} sec, respectively) the pulses produced at the anode and the last dynode of the photomultiplier are respectively determined by the fast and slow components. The diode Д-10 (D-10) stretches out the anode pulse. In the recording of the γ-rays the values of R and C in the integrating circuit of the dynode are adjusted so that the amplitude at the anode and the dynode is equal but the length of the former is somewhat larger. When these pulses are combined (across the 91 kOhm resistor), the positive pulses at the output represent the neutrons only. The apparatus is designed for neutron experiments with high-voltage electrostatic generators. Acknowledgments are expressed to P. Ye. Vorotnikov for assistance with the circuitry and to V. M. Morozov for discussions of the results obtained.

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There are 5 figures and 4 references: 2 Soviet and 2 non-Soviet. The English-language references read as follows: Ref.3: M. Forte, International Conference on the Peaceful Uses of Atomic Energy (Geneva, 1958), v.14, p.300; Ref.4: F. D. Brooks, Nucl. Instrum. and Methods, 1959, 4, 151.

ASSOCIATION: Institut atomnoy energii AN SSSR
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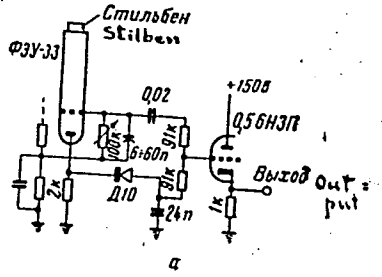
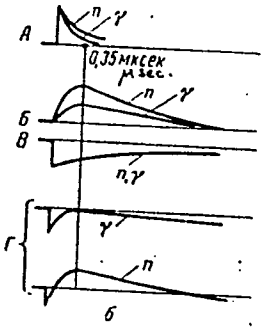
Fig.1. Legend.

a - Basic circuit.
b - Pulse shapes.
А - Photomultiplier current pulse;
Б - dynode pulse;
В - anode pulse;
Г - compensated (output) pulses.





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S/120/61/000/006/013/041
E035/E414

AUTHORS: Brovchenko, V.G., Molchanov, Yu.D.

TITLE: A time selector for the analysis of a train of pulses

PERIODICAL: Pribory i tekhnika eksperimenta, no.6, 1961, 74-77

TEXT: The selector was designed for the measurement of the time distribution of pulses in series of pulses. Its parameters are as follows: minimum channel width 25 μsec; gap between channels ~2.5 μsec; resolving time ~3 x 10^{-8} μsec. Fig.1 and 2 show a block diagram of the selector together with the corresponding voltage waveforms. The time distribution is measured with the aid of a differentiating capacitor storage system which is periodically discharged by pulses from the channel generator. The time between two discharges is equal to the width of the selector channel. The change in the potential across the capacitance in the time between two discharges is proportional to the number of pulses entering the device in this time. The curve connecting the maxima of the latter potential represents the desired distribution and is photographed from the oscilloscope screen. The statistical accuracy of the measured distribution curves is determined by the number of pulses recorded in the

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A time selector ...

selector channel, i.e. the rate of input pulses, the width of the channels and the speed of recording the pulses. The main advantage of the selector is the high speed of signal recording, and the simple circuitry employed. Detailed circuits are reproduced. There are 5 figures and 2 references: 1 Soviet-bloc and 1 non-Soviet-bloc. The reference to an English language publication reads as follows: Ref.1: F.J.M.Farley. Rev. Scient. Instrum., v.29, 1958, 595.

ASSOCIATION: Institut atomnoy energii AN SSSR
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S/120/61/000/006/014/041
E032/E514

AUTHOR: Brovchenko, V.G.

TITLE: Linear capacitive storage devices

PERIODICAL: Pribory i tekhnika eksperimenta, no.6, 1961, 77-80

TEXT: A capacitive storage device is defined as a circuit which produces an output signal whose amplitude is proportional to the number of signals fed into it. The present author is concerned with the linearity of information storage in such circuits. A description is given of two such circuits which are linear in a large range of input amplitudes. The first of these is very linear (to within a few hundredths of a percent) provided the magnitude of the output signal does not exceed the amplitude of the input signals. The second circuit is capable of recording signals with a high repetition frequency and may be triggered by nanosecond pulses. The two circuits are shown in Figs. 3 and 4. The storage capacity of these circuits is not discussed. There are 4 figures.

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Linear capacitive storage devices S/120/61/000/006/014/041
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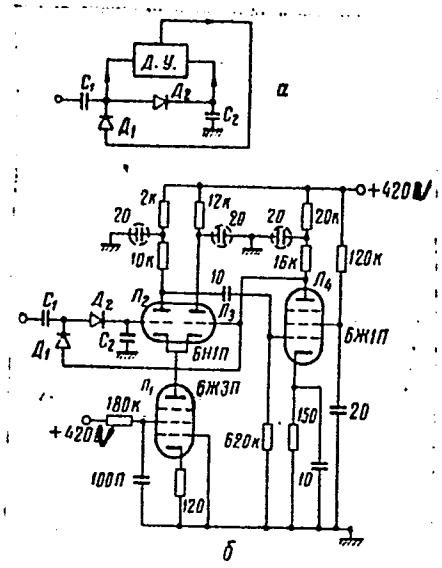
Fig.3.Legend.
Capacitive storage device with a high degree of linearity.
a - block diagram,
б - basic circuit.



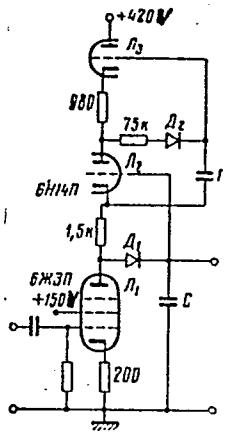


Fig.4. Legend.
Fast capacitive storage circuit.

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BROVCHENKO, V.G.; ZABIYAKIN, G.I.

International conference on nuclear electronics in Belgrad in 1961; review of reports. Prib.i tekh.eksp. 7 no.1:202-206 Ja-F '62.
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(Electronic apparatus and appliances)(Nuclear physics)

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ACCESSION NR: AP4044662 S/0120/64/000/004/0005/0019

AUTHOR: Brovchenko, V. G.; Molchanov, Yu. D.

TITLE: Low-noise impulse amplifiers for spectrometry

SOURCE: Pribory* i tekhnika eksperimenta, no. 4, 1964, 5-19

TOPIC TAGS: amplifier, impulse amplifier, low noise amplifier, spectrometry, nuclear radiation detector

ABSTRACT: Based on modern Soviet and Western periodical sources, a review of low-noise amplifiers is presented which consists of these sections: terminology of noise; fundamental formulas for noise calculations; first-tube operating conditions (grid current, equivalent resistance, noise); first-tube type (Soviet 6N23P, 6S3P, 6S15P tubes); first stage of the preamplifier; negative feedback type (negative current-feedback, charge amplifier); passband (effect of integration and differentiation on the signal-to-noise ratio); input capacitance

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